

p. 183 # 8

$$y \leq mx + b$$

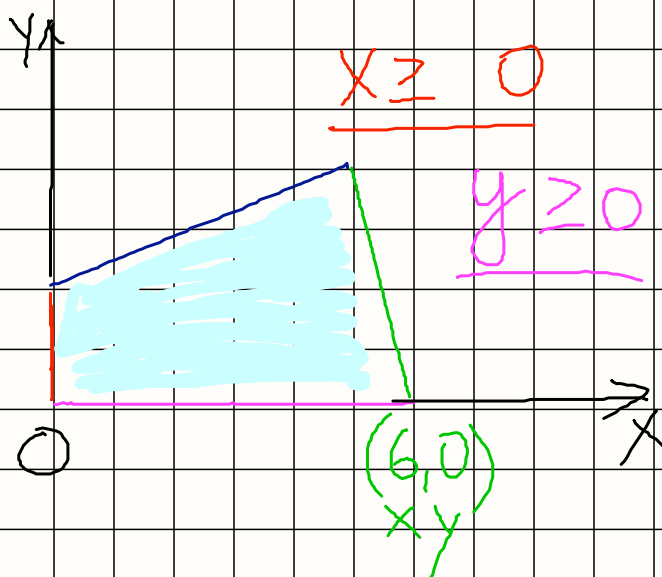
$$m = \frac{2}{5} \quad b = 2$$

$$y \leq \left(\frac{2}{5}\right)x + 2$$

$$m = \frac{\text{rise}}{\text{run}} = -\frac{4}{1} = -4$$

$$y = mx + b$$

$$0 = -4 \cdot 6 + b$$



$$0 = -24 + b$$
$$+24 \quad +24$$

$$b = 24$$

$$y = -4x + 24$$

PRACTICE p. 183

#15

$$x \geq 0$$

#17

$$x > 1$$

#19

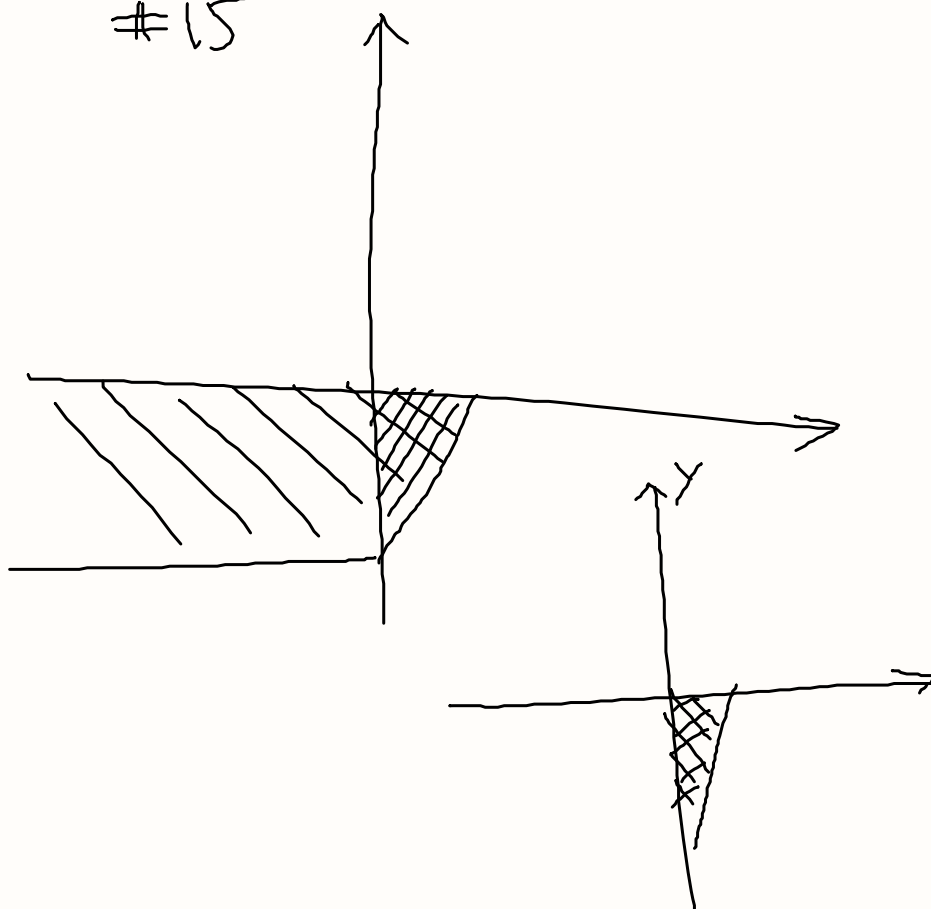
$$y < -2x + 3$$

ZOOM ZENTER

#23 (p. 181 ex 3a)

#25 (ex 3b. p. 181)

#15

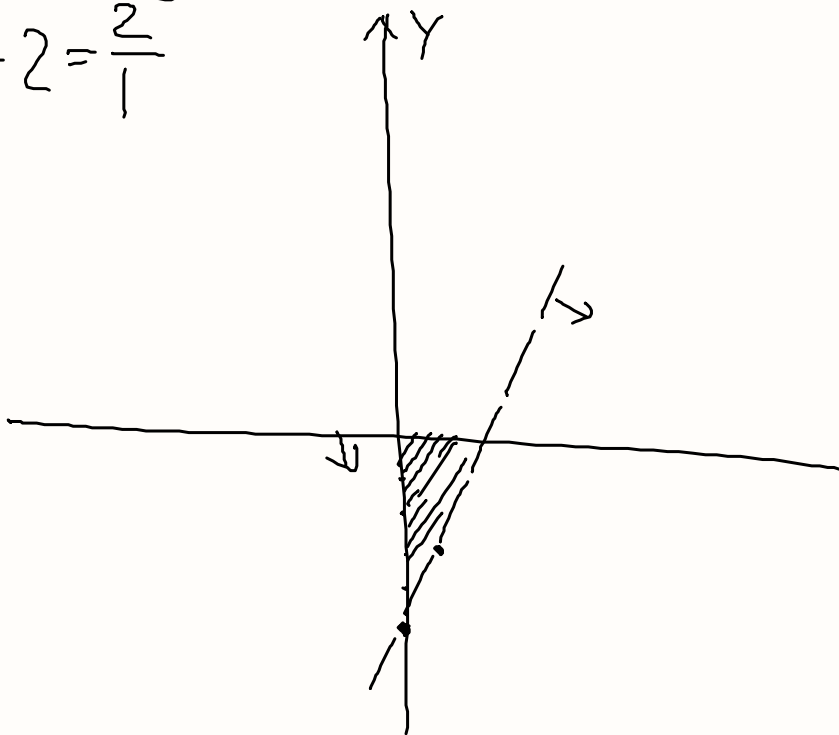


(15)  $y < 2x - 5$

$m = 2 = \frac{2}{1}$

$y \leq 0$

$x \geq 0$



#19

$$y < x - 1$$

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$$y + 2x < 3$$
$$-2x \quad -2x$$

$$y < -2x + 3$$

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$$\underline{y \geq -1}$$